

CEMENT JOB REPORT



CUSTOMER BAYSWATER EXPLORATION &			DATE 26-JUN-15		F.R. # 10011162672			SERV. SUPV. ERIC S DEWIT						
LEASE & WELL NAME ARELLANO #S-10-9HN - API 05123411110000			LOCATION 10-5N-65W			COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton			DRILLING CONTRACTOR RIG # FRONTIER 8			TYPE OF JOB Liner								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			MECHANICAL BARRIERS			MD	TVD	HANGER TYPES		MD	TVD	
Dart For Plug Catcher, 4-1/2 In		16" SSPS, 4-1/2" DP dart, A/R			Liner Packer			6403	6403	Liner		6403	6403	
		Float Collar, Auto Fill, 4-1/2 - 8rd												
		Float Shoe 4-1/2 - 8rd												
MATERIALS FURNISHED BY BJ				LAB REPORT NO.				PHYSICAL SLURRY PROPERTIES						
								SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water								0	8.34	0	0		20	
UltraFlush Spacer								0	12	3.77	24.34		80	69.05
(50:50) Class G: Poz + Adds				C06-042-15				600	14.5	1.44	6.19	07:06	153.83	88.48
Fresh Water								0	8.34	0	0		171.48	
Available Mix Water 600 Bbl.				Available Displ. Fluid 400 Bbl.				TOTAL			425.31	157.53		
HOLE			TBG-CSG-D.P.							COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
6.125	30	1441	2.563	4	28.9	DP	3744	3744	S-135	14037	13990			
6.125		14041	3.34	4	14	DP	6403	6403	S-135					
			3.92	4.5	13.5	CSG	14037	6875	P-110					
LAST CASING				PKR-CMT RET-BR PL-LINER				PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
6.2	7	29	CSG	7361	6875	Liner Packer		6403	0	0	2	1502	WATER BASED	9.5
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER			
VOLUME	UOM	TYPE		WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator			
171.5	BBLS	Fresh Water		8.34	932	0	0	0	0	9928	5500	Upright tank		
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 5 BPM						
Mud Density In: 9.5 LBS/GAL				Mud Density Out: 9.5 LBS/GAL				PV & YP Mud In: 13		PV & YP Mud Out: 13				
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				Solids Present at End of Circulation:		NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				
Displacement And Mud Removal														
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>				Amount Bled Back After Job: 1.5 BBLS										
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL				Method Used to Verify Returns: Visual										
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO				Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES										
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Quantity:				Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID						
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD														
Plugs														
Number of Attempts by BJ: 0				Competition: 0				Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES					Quantity:	
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Top of Plug: 0 FT				Bottom of Plug: 0 FT						
Squeezes (Update Original Treatment Report for Primary Job)														
BLOCK SQUEEZE <input type="checkbox"/>				SHOE SQUEEZE <input type="checkbox"/>				TOP OF LINER SQUEEZE <input type="checkbox"/>				PLANNED <input type="checkbox"/>	UNPLANNED <input type="checkbox"/>	
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES				PSI Applied: 0		Fluid Weight: 0 LBS/GAL				
Casing Test (Update Original Treatment Report for Primary Job)														
Casing Test Pressure: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT	Target EMW: 0 LBS/GAL	Actual EMW: 0 LBS/GAL
Number of Times Tests Conducted: 0	Mud Weight When Test was Conducted: 0 LBS/GAL	

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
None

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 5305 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
16:07	0	0	0	0	N/A	Leave yard	
16:56	0	0	0	0	N/A	Arrive on location (34 miles) casing on bottom rig circulating	
16:58	0	0	0	0	N/A	Spot trucks on location	
17:08	0	0	0	0	N/A	Pre rig up safety meeting	
19:05	0	0	0	0	N/A	Pre job safety meeting	
19:20	0	0	0	0	N/A	Rig or line up to the cement head	
19:38	77	0	1.5	2	H2O	Load pumps and lines	
19:41	5305	0	0	0	H2O	Pressure test pumps and lines	
19:52	1180	0	4.8	20	H2O	Fresh water spacer	
20:07	744	0	3.6	76	BAR	Ultra flush II wieghted spacer @10.5 ppg	
20:38	0	0	0	0	CMT	Batch, and weigh cement slurry @14.5 ppg	
20:44	538	0	3.6	147	CMT	Pump 600 sacks of :50):50: Poz (Fly Ash):Class G Cement + 0.45% R-3 +0.6% FL-52 + 0.01 gps FP-6L + 20% Silica Flour + 0.2% BA-59 + 0.2% FL-63 + 3% Bentonite II + 61.5% Fresh Water	
21:34	0	0	0	0	N/A	Shut down wash up pump, and release dart	
21:50	1591	0	5	45	H2O	Start displacement	
21:59	719	0	2	11.5	H2O	Drop rate to pick up wiper plug	
22:04	1384	0	2	0	H2O	Pick up plug	
22:04	2412	0	4.8	104.5	H2O	Increase rate continue displacement	
22:26	1411	0	2	6.6	H2O	Drop rate	
22:29	2129	0	0	0	H2O	Bump plug	
22:32	0	0	0	0	0	Check floats (Foats held)	
22:42	0	51	2.7	1.5	H2O	Load the backside	
22:45	0	3182	0	0	H2O	Test the packer	
22:55	1254	0	0	0	H2O	Sting out	
22:56	1740	0	5.1	169	H2O	Roll the 7" clean (36 bbls of cement to surface)	
23:30	0	0	0	0	N/A	Shut down	
23:35	0	0	0	0	N/A	Pre rig down safety meeting	
01:00	0	0	0	0	N/A	Leave loaction	
02:00	0	0	0	0	N/A	Arrive back at the yard	

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1411	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	36	583.7	0	Y <input checked="" type="checkbox"/> N	

